

ABSTRACT OF THE DISCLOSURE

[00102] A water treatment unit is disclosed which can be mounted directly on the faucet or tap of the user's sink and which contains one or more water treatment media and an operating valve which permits the selection of several operating modes including service, spray and stream modes. In the service mode the water is treated by at least one if not all of the various water treatment media contained in the unit housing after which the water is discharged from the valve of the unit for service use, and the service discharge may be adjusted to direct the treated water as desired by the user. The valve of the treatment unit includes a housing, a stationary member, a slide member and a rotatable switch member unit and may also be operated in a backflush mode in which water may be directed in the reverse direction through at least one of the water treatment media to regenerate that media. The volume of flow through the unit may also be sensed to measure the life of the treatment media to signal when they should be replaced.